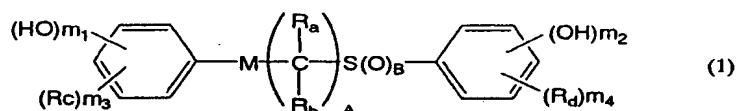
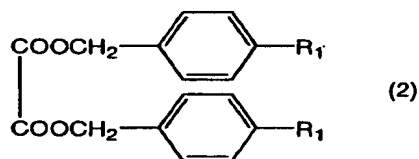


## CLAIMS

1. A thermally sensitive recording medium comprising a thermally sensitive recording layer containing a colorless or pale colored basic colorless dye and an organic color developing agent as main components on a support, wherein the thermally sensitive recording medium contains; a compound represented by the following general formula (1) as the organic color developing agent,



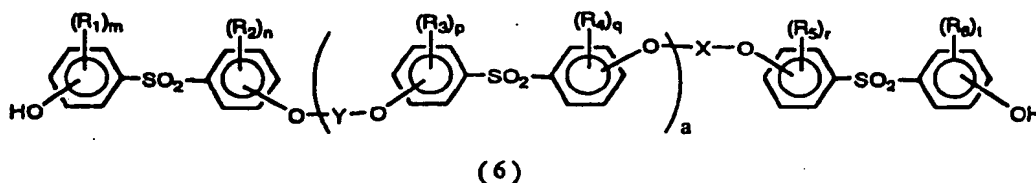
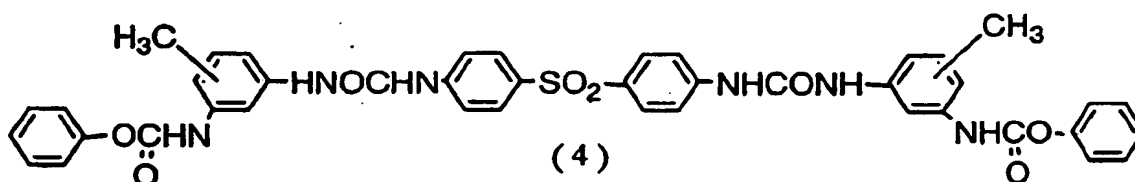
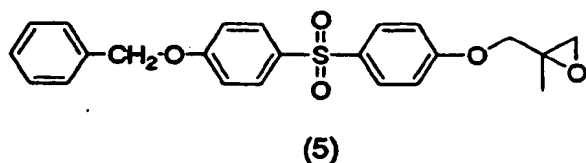
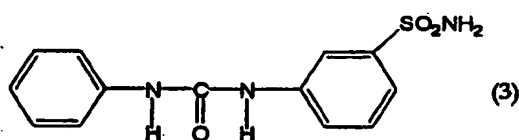
wherein,  $\text{R}_a$  and  $\text{R}_b$  each independently represent a hydrogen atom or an alkyl group having 1 to 6 carbon atoms,  $A$  represents an integer of 1 to 6;  $B$  represents 0, 1, or 2,  $m_1$  and  $m_2$  each independently represent 0 or an integer of 1 to 3, but  $m_1$  and  $m_2$  are not both 0,  $\text{R}_c$  and  $\text{R}_d$  each independently represent a nitro group, a carboxyl group, a halogen atom, an alkyl group having 1 to 6 carbon atoms, or an alkenyl group having 2 to 6 carbon atoms,  $m_3$  and  $m_4$  each independently represent 0 or an integer of 1 or 2, when  $m_3$  and  $m_4$  are both 2,  $\text{R}_c$  and  $\text{R}_d$  may be different from each other;  $M$  represents  $\text{CO}$  or  $\text{NR}_e\text{CO}$ , wherein,  $\text{R}_e$  represents a hydrogen atom or an alkyl group having 1 to 6 carbon atoms, when  $M$  is  $\text{CO}$ ,  $m_1$  is 1, and when  $m_1$  is 0 and  $M$  is  $\text{NR}_e\text{CO}$ ,  $B$  is not 0, and an oxalate compound represented by the following the general formula (2) as a sensitizer,



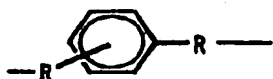
wherein,  $\text{R}_1$  represents a hydrogen atom, a halogen atom, an alkyl group, or an alkoxy group.

2. The thermally sensitive recording medium of claim 1, wherein the thermally sensitive recording layer further contains at least one compound selected from the group consisting of 3-[(phenylamino)carbonyl]amino}benzenesulfonamide represented by the following general formula (3), a urea urethane compound represented by

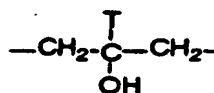
the following general formula (4), an epoxy group-containing diphenylsulfone compound represented by the following general formula (5), a diphenylsulfone-type oligomer compound represented by the following general formula (6), and a copolymer of glycidyl methacrylate and a vinyl monomer having an average molecular weight of 9,000 to 11,000, an epoxy equivalent of 300 to 600, and a melting point of 110°C or lower as an image stabilizer,



wherein, X and Y may be different from each other and each represent a hydrocarbon group having 1 to 12 carbon atoms which may be linear or branched and may have a saturated, unsaturated, or ether bond, alternatively, X and Y each may be represented by the following formulae,



or



wherein R represents a methylene group or an ethylene group and T represents a hydrogen atom or an alkyl group having 1 to 4 carbon atoms,  $R_1$  to  $R_6$  each independently represent a halogen atom, an alkyl group having 1 to 6 carbon atoms, or an alkenyl group, m, n, p, q, r, and t each represent an integer of 0 to 4 and when m, n, p, q, r, and t each are 2 or more,  $R_1$  to  $R_6$  can be different from each other, and a represents an integer of 0 to 10.

3. The thermally sensitive recording medium of claim 1 or claim 2, wherein the thermally sensitive recording layer contains at least one compound selected from the group consisting of 3-(N-ethyltoluidino)-6-methyl-7-anilino-2-fluorane and 3-diethylamino-6-methyl-7-(3-methylanilino)-2-fluorane as the basic colorless dye.

4. The thermally sensitive recording medium according to anyone of claims 1, 2, or 3 comprising, an inkjet recording surface on a back surface which provided with inkjet recordability by coating or impregnating a coating liquid containing a water-soluble polymer, a water-soluble inorganic salt containing metal ions of divalent or more, and a cationic resin having a cationic degree of 4 to 8 meq/g or more and a molecular weight of 100,000 or more as main materials to an opposite surface of the support on which the thermally sensitive recording layer is provided.

5. The thermally sensitive recording medium according to anyone of claims 1, 2, or 3 comprising, an inkjet recording surface on a back surface which provided with inkjet recordability to an opposite surface of the support on which thermally sensitive recording layer is provided, wherein a Cobb

water absorption is 30 g/m<sup>2</sup> or more.

6. The thermally sensitive recording medium according to anyone of claims 1, 2, or 3 comprising, an inkjet recording surface on a back surface which provided with inkjet recordability to an opposite surface of the support on which thermally sensitive recording layer is provided, wherein the support has a multilayer structure of at least two layers, and an outermost layer of a surface opposite to the thermally sensitive recording layer comprises a layer having a high filler content satisfying ink receptivity.